

INTERNATIONAL SEARCH REPORT

International application No.
PCT/BR 2004/000216

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: H05B 6/64,6/80; F26B 3/347

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: F26B 3/347; H05B 6/64, 6/80

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPODOC, PAJ, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1043290 A (M.R. JEPPSON) 21 September 1966 (21.09.1966) <i>page 3, line 122 - page 4, line 53; page 4, line 121 - page 5, line 50; claims; fig. 1-6.</i>	1,3
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A	US 3866009 A (TAKESHI ISHINO et al.) 11 February 1975 (11.02.1975) <i>abstract; column 2, line 61 - column 3, line 17; claims; fig. 1-10; claims.</i>	1,4
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
15 February 2005 (15.02.2005)Date of mailing of the international search report
11 March 2005 (11.03.2005)Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 ViennaAuthorized officer
ERBER H.

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International application No.
PCT/BR 2004/000216

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	RU 2060600 C1 (MALOE PREDPR NTTS ALFA 1) 20 May 1996 (20.05.1996) (abstract) [online] [retrieved on: 15.02.2005] Retrieved from: WPI Database <i>abstract.</i>	1,3,5
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A	JP 11 002489 A (NAGAI YOSHIMASA et al.) [online] [retrieved on: 15 February 2005 (15.02.2005)] Retrieved from: EPODOC Database <i>abstract.</i>	1,5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/BR 2004/000216

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
GB	A	1043290	1966-09-21	US	A	3365562	1968-01-23
				DE	A1	1465043	1969-04-24
				NL	A	302031	0000-00-00
JP	A	11002489 A2		none			
RU	C1	2060600	1996-05-20	none			
US	A	3866009	1975-02-11	GB	A	1339791	1973-12-05
				NL	A	7100825	1971-07-23
				DE	A1	2102840	1971-07-29
				US	A	3742176	1973-06-26
				JP	B	50001928B	1975-01-22